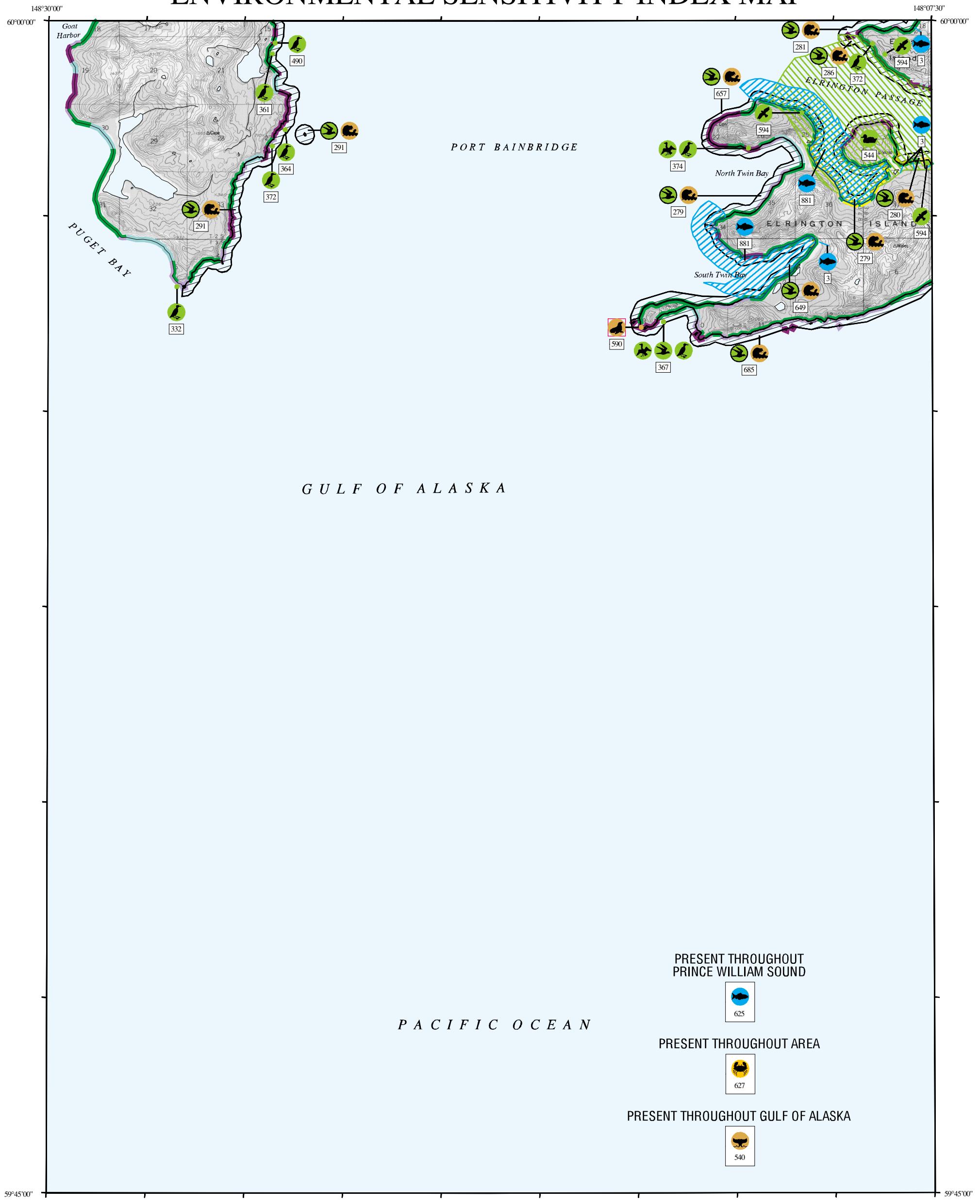


# ENVIRONMENTAL SENSITIVITY INDEX MAP



## SHORELINE HABITATS

- [1] EXPOSED ROCKY SHORES
- [2] EXPOSED WAVE-CUT PLATFORMS IN BEDROCK
- [3] FINE-TO MEDIUM-GRAINED SAND BEACHES
- [4] COARSE-GRAINED SAND BEACHES (NOT PRESENT)
- [5] MIXED SAND AND GRAVEL BEACHES
- [6] GRAVEL BEACHES
- [7] RIPRAP
- [8] EXPOSED TIDAL FLATS
- [9] SHELTERED ROCKY SHORES
- [10] SHELTERED ROCKY RUBBLE SLOPES
- [11] SHELTERED TIDAL FLATS
- [12] SALT-AND BRACKISH-WATER MARSHES



SCALE 1:87000

1 KILOMETER  
.5 0 1 MILE

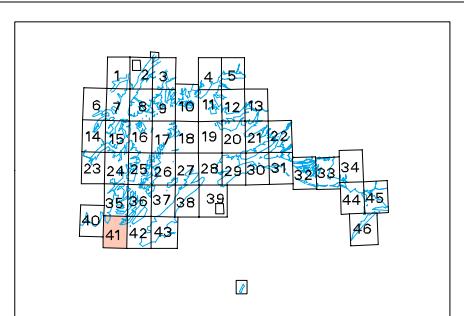
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Hazardous Materials Response Division

BLYING SOUND (D-4), AK (1988)

PWS-41



Prince William Sound - ESIMAP 41

## **BIOLOGICAL RESOURCES:**

## BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledgling
279	Scoters			LOW	X	X	X					X	X	-	-	-	-	-	-	
280	Goldeneye			LOW	X	X	X					X	X	-	-	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X	-	-	-	-	-	-	
	Mergansers			LOW			X	X	X	X	X	X	-	-	-	-	-	-	-	
	Storm-petrels			LOW			X	X	X	X	X	X	-	-	-	-	-	-	-	
281	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Birds			LOW	X	X	X					X	X	-	-	-	-	-	-	
	Harlequin duck			LOW				X	X	X	X	X	X	-	-	-	-	-	-	
	Scoters			LOW			X	X	X				X	X	-	-	-	-	-	
	Surf scoter			HIGH	X	X	X					X	X	-	-	-	-	-	-	
286	Bufflehead			LOW				X	X	X	X	X	X	X	-	-	-	-	-	
	Goldeneye			MED	X	X	X					X	X	-	-	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X	-	-	-	-	-	-	
	Mergansers			MED	X	X	X					X	X	-	-	-	-	-	-	
	Scoters			MED	X	X	X					X	X	-	-	-	-	-	-	
291	Alcids			MED				X	X	X	X	X	X	-	-	-	-	-	-	
	Cormorant			LOW	X	X	X					X	X	-	-	-	-	-	-	
	Goldeneye			MED	X	X	X					X	X	-	-	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X	-	-	-	-	-	-	
	Harlequin duck			LOW				X	X	X	X	X	X	-	-	-	-	-	-	
	Scoters			MED	X	X	X					X	X	-	-	-	-	-	-	
	Surf scoter			MED	X	X	X					X	X	-	-	-	-	-	-	
332	Horned puffin			30					X	X	X	X	X		JUN-SEP	-	-	-	-	
361	Pigeon guillemot			4					X	X	X	X	X		JUN-SEP	-	-	-	-	
364	Pigeon guillemot			6					X	X	X	X	X		JUN-SEP	-	-	-	-	
367	Common murre			170					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Glaucous-winged gull			120					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Horned puffin			200					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pelagic cormorant			10					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			UNKNOWN					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Red-faced cormorant			150					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			1600					X	X	X	X	X		JUN-SEP	-	-	-	-	
372	Pigeon guillemot			7					X	X	X	X	X		JUN-SEP	-	-	-	-	
374	Black-legged kittiwake			10					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Horned puffin			10					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pelagic cormorant			32					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			16					X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			800					X	X	X	X	X		JUN-SEP	-	-	-	-	
490	Pigeon guillemot			21					X	X	X	X	X		JUN-SEP	-	-	-	-	
544	Waterfowl											X	X	X	-	-	-	-	-	
594	Bald eagle			1 NEST	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-MAY	MAY-JUN	AUG-AUG		
649	Black oystercatcher			LOW	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Black-legged kittiwake			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Common merganser			LOW	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Glaucous-winged gull			HIGH	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Horned puffin			LOW	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Kittlitz's murrelet			LOW	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Marbled murrelet			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Murrelets			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Pelagic cormorant			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Pigeon guillemot			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Tufted puffin			LOW	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
657	Bald eagle			MED	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Black-legged kittiwake			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Cormorant			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Glaucous-winged gull			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Horned puffin			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Kittlitz's murrelet			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Marbled murrelet			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Mew gull			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Murrelets			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Pelagic cormorant			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Pigeon guillemot			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Scoters			LOW	X	X	X					X	X	-	-	-	-	-	-	
	Surf scoter			HIGH	X	X	X					X	X	-	-	-	-	-	-	
	Tufted puffin			MED			X	X	X	X	X	X	X	-	-	-	-	-	-	
	White-winged scoter			LOW	X	X	X					X	X	-	-	-	-	-	-	
685	Birds			LOW				X	X	X	X	X	X	X	-	-	-	-	-	
	Black-legged kittiwake			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Common murre			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Cormorant			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Glaucous-winged gull			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Gulls			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Horned puffin			MED				X	X	X	X	X	X	X	-	-	-	-	-	
	Marbled murrelet			LOW				X	X	X	X	X	X	X	-	-	-	-	-	
	Murre			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Murrelets			LOW				X	X	X	X	X	X	X	-	-	-	-	-	
	Pelagic cormorant			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	
	Puffins			LOW				X	X	X	X	X	X	X	-	-	-	-	-	
	Tufted puffin			HIGH				X	X	X	X	X	X	X	-	-	-	-	-	

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
3	Pink salmon (humpy)									X	X	X					AUG-OCT	-	-	-	AUG-OCT
625	Arrowtooth flounder					X	X	X	X								-	-	-	-	APR-AUG
	Flathead sole					X	X	X	X	X	X	X					-	-	-	-	MAY-DEC
	Pacific cod							X	X	X	X	X	X	X			-	-	-	-	JUN-DEC
	Rock sole					X	X	X	X	X	X	X					-	-	-	-	APR-AUG
	Sablefish (blackcod)					X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC
	Sculpin					X	X	X	X	X	X	X	X	X	X		-	-	-	-	JAN-DEC
	Walleye pollock					X	X	X									-	-	-	-	JAN-MAR
	Yellowfin sole					X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	JUN-AUG	JUN-OCT	JAN-DEC	MAY-AUG
881	Pacific herring							X									-	-	-	-	-
	Pacific sand lance					X											-	-	-	-	-

## **INVERTEBRATE:**

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
627	Tanner crab			MINOR	-	-	-	-	-	-	-	-	-	-	-	-	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC

## MARINE MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Moltng
279	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
280	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
281	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
286	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
291	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
540	Gray whale				X	X	X	X				X	X			-	-	-	-	
590	Northern (Steller) sea lion	F	E	0	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
649	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
657	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	
685	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	-	

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.